

PAT-NO: JP409084482A
DOCUMENT-IDENTIFIER: JP 09084482 A
TITLE: WASHING STERILIZER FOR
EGG WITH SHELL
PUBN-DATE: March 31, 1997

INVENTOR-INFORMATION:

NAME	COUNTRY
WATANABE, MASANORI	
NISHINO, YOICHI	
HAYASHI, FUMIO	
ISEMURA, KIYOSHI	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
ISHIKAWA JMA HARIMA HEAVY IND CO LTD	N/A

APPL-NO: JP07244044
APPL-DATE: September 22, 1995

INT-CL (IPC): A01K043/00 , A23L001/30 , A61L002/20 ,
B08B001/02

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a washing sterilizer for eggs with shells capable of efficiently removing foulings firmly sticking to the surface of the eggs with the shells without breaking the row of the eggs on a conveyor and effectively carrying out the sterilizing treatment while preventing the refouling.

SOLUTION: This washing sterilizer comprises a washing device 10, a sterilizing device 20 and a delivering device 30. The washing device is equipped with a water tank 12 for receiving eggs with the shells and suspending the received eggs with the shells in water, a takeout conveyor 14 for taking out the eggs from the water tank 12 onto the water surface and a fouling removing device 16 for removing the foulings from the surfaces of the eggs on the takeout conveyor. The sterilizing device 20 is provided with a carrying conveyor 22 for nearly horizontally conveying the eggs with the shells and an ozone sterilizing device 24 for sterilizing the eggs with the shells on the carrying conveyor 22 with ozone. The delivering device is designed to deliver the eggs with the shell from the washing device to the sterilizing device.

COPYRIGHT: (C)1997, JPO